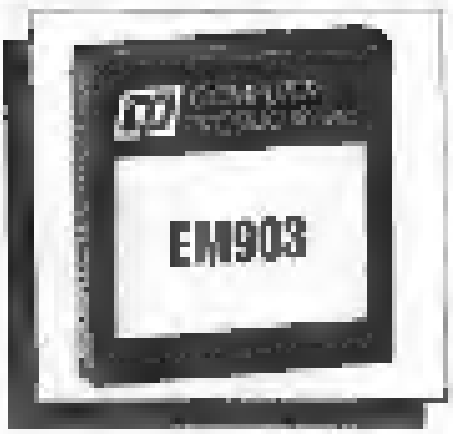
EM900 SERIES

Single and Dual Output
5 to 9 Watt DC/DC Converters

- 5 Input Ranges
- [illegible] Isolation
- Short Circuit Protected
- High Efficiency - 78%
- Non-conductive Plastic Enclosure
- For new designs, please see the NPC Series



The EM900 series of low cost, general purpose DC/DC converters efficiently deliver 5 to 9 watts total power from a 2" x 2" x 0.4" package. Through careful attention to design, these economy modules achieve 78% typical efficiency. All models feature 2:1 input filters to eliminate reflected input transient flow and provide output [illegible]

[illegible] over-load protection. They require no external [illegible] over the full operating temperature range of -25°C to +71°C. These products are ideal for application where a local, low cost power source is needed to [illegible] derived from existing 5V or 12V distributed

SPECIFICATIONS

All specifications typical at nominal line, full load and 25°C unless otherwise noted.

Output Specifications	
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	
[illegible]	
[illegible]	[illegible]
12 VDC Input Models	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

General Specifications	
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
	Plastic
[illegible]	[illegible]
Environmental Specifications	
[illegible]	[illegible]
[illegible]	[illegible]
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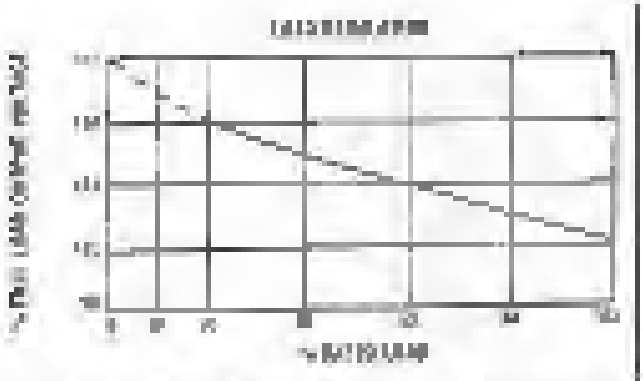
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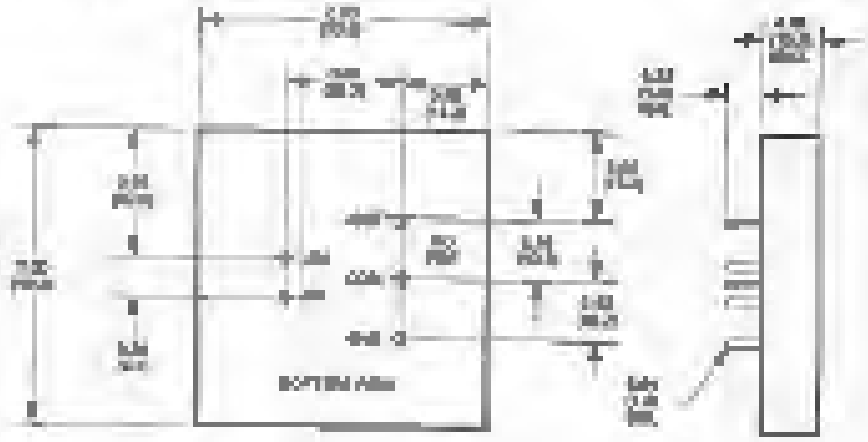
Input Voltage	Output Voltage	Output Current	Typical Efficiency No Load	Typical Efficiency Full Load	Maximum Ripple & Noise	Regulation Line	Regulation Load	24 Pin Slot	Case	Model Number

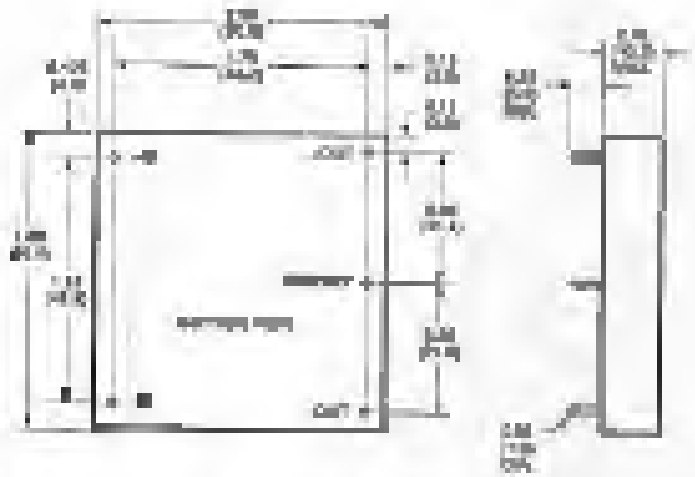
Notes:

(1) Load regulation is over 10% change in rated load. Line regulation is for total change from 105% to 20%.

(2) Alternate pin-out versions are available as designated by suffix letter "S". For example, SM3S15, etc. See case drawing.



CASE A
Standard Configuration
Two pin or single output models



CASE S
Alternate pin configuration
Two outputs or single output models

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